

Teaching Staff	Dr. Abbasali Saboktakin	E-mail: alaptakin [at] gmail [dot] com
Course	MATERIALS SCIENCE	
Grading	Grades will be based upon the following elements: <ul style="list-style-type: none"> ● Homework (10 % of total grade) ● Midterm Exam (30 % of total grade) ● Final Exam (50 % of total grade) ● Course Project (10 % of total grade) 	
Textbook	<ul style="list-style-type: none"> ➤ W. D. Callister, Materials Science and Engineering: An Introduction, J. Wiley & Sons. 2008. ➤ Handouts and other material may be provided as needed. 	
Home Page	https://www.usb.ac.ir/astaff/Saboktakin/fa	
Course Policies	<ul style="list-style-type: none"> ➤ In general, no late homework will be accepted. ➤ It is anticipated, even encouraged, that students will consult with each other on assignments. It is expected, however, that all work submitted by the student represent his/her own effort. ➤ Instances of plagiarism on an assignment will result in full loss of credit for that assignment. ➤ Instances of cheating in any form during an exam will result in full loss of credit for that exam. 	
Consulting	If you would like to talk with me outside of the course hours, please make an appointment via Email: alaptakin [at] gmail [dot] com	
Topics	<ol style="list-style-type: none"> I. An introduction to metals, ceramics, polymers, and composites. II. Study of atomic and crystalline structures of materials & imperfection in materials. III. Mechanical Properties of Metals IV. Dislocations and Strengthening Mechanisms V. Mechanisms of strengthening VI. Phase Diagrams VII. Phase Transformations VIII. Selection of materials in engineering applications based on materials properties and processing. 	

Success is directly proportional to the amount of time devoted to study and learning new thing.